

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

# REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO./TASK NO.	JOB ORDER NUMBER	APPROP. FY
QSS Group, Inc.	NAS5- TASK NO. AMENDMENT 99124 402	924-227-62-46-89	00

TASK TITLE: (NTE 80 characters; include Project name)

GLAS Instrument Flight Software

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)

Manuel Maldonado	DATE 10/18/00	ORG CODE 582	MAIL CODE 582	PHONE 301-286-7817
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BRANCH HEAD

Elaine Shell	DATE 10/18/00	CODE 582	PHONE 301-286-2628
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CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)

Robert S. Lebar, Jr.	DATE 10/18/00	CODE 560	PHONE 301-286-6588
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FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE?

(IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)

[ ] NO [X] YES

CONTRACTING OFFICER'S QUALITY REP.

Sic for L. Moore  
Larry Moore

DESIGNATED FAM:

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)

C.O. Requested Quote on:  
Date: 06/19/2000

Contractor will develop specification or statement of work under this task for a future procurement. [X] NO [ ] YES

Flight hardware will be shipped to GSFC for testing prior to final delivery. [X] NO [ ] YES [ ] N/A

Government Furnished Property/Facilities: [X] NO [ ] YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: [ ] NO [X] YES If yes: [X] TOTAL [ ] PARTIAL  
If partial, indicate onsite work in SOW by asterisk (\*)

Surveillance Plan Attached: [X] NO [ ] YES

Highlighted Contract Clauses: (To be completed by Contracting Officer)

Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be 11/1/00.

## INCENTIVE FEE STRUCTURE (check one)

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	X No. 1	No. 2	No. 3	No. 4	No. 5
Cost	10%	50%	25%	25%	10%
Schedule	15%	25%	25%	50%	20%
Technical	75%	25%	50%	25%	70%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 125,287

The target fee of this task order is \$ 5,590

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 130,877

The maximum fee is \$ 8,170

The minimum fee is \$0.

AUTHORIZED SIGNATURE:

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

Theresa J. Becker

SIGNATURE OF CONTRACTING OFFICER

1/03/01

DATE

Theresa J. Becker

TYPED NAME OF CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE:

AUTHORIZED SIGNATURE

DATE

**TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL**

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**REQUEST FOR TASK PLAN / TASK ORDER**

CONTRACTOR	CONTRACT NO./TASK NO.	TASK NO.	AMENDMENT
QSS Group, Inc.	NAS5- 99124	402	

Applicable paragraphs from contract Statement of Work: Functions 2D-6 and 2E-5

**STATEMENT OF WORK:** (Continue on blank paper if additional space is required)*This is a follow-on to Task 165 under this contract; uninterrupted transition is required.*

The contractor shall provide software engineering services for the GLAS Instrument Flight Software. The contractor delivered the software components for GLAS FSW Build 3.0 under Task 165, the predecessor to this task. GLAS FSW Build 3.0 is now under build/acceptance testing and the GLAS instrument is undergoing I&T. The contractor shall provide maintenance services and correct any problems discovered during the build/acceptance of GLAS FSW Build 3.0 and or GLAS Instrument Integration. Also, the contractor shall support Thermal Vacuum Testing of the GLAS MEU and GLAS. This includes attending test preparation meetings, writing test procedures, analyzing data, and manning of the telemetry and command consoles during the assigned time periods. These periods might include weekend and/or 2nd or 3rd shift support.

The contractor shall provide for GLAS FSW Build 3.1 software code that corrects any problems encountered during build/acceptance testing and instrument I&T for PC, CD, DC and GP components.

In addition, the contractor shall provide Software Configuration Management services as needed to configure and control the builds of the GLAS Flight Software. These services shall not exceed 16 hours a week.

In addition, the contractor shall provide ASIST GSE services. These services shall consist of answering questions and configuring and troubleshooting problems encountered by the GLAS team members. These services shall not exceed 8 hours a week.

In addition, the contractor shall provide services in the final build/acceptance testing of the C&T software component.

**PERFORMANCE SPECIFICATIONS:**

Requirements, design, coding, and test standards shall be in accordance with standard practices within Code 582.

Reports and Documents: Technical performance will be based on thoroughness and completeness of written reports. Acceptable performance is that the ATR is satisfied that the material reflects the proper level of technical expertise and meets the objectives of the activity. Reports shall be delivered to the ATR both as a hard copy and in MS Office compatible format via either diskette or email.

Technical Progress Report: Acceptable performance is that the ATR is satisfied that he is being kept informed of the status of work performed and of issues requiring his attention.

Management: Performance will be measured against the following metrics: (1) accomplishment of objectives; (2) clear, incremental progress; (3) responsiveness to issues; (4) efficient and appropriate staffing; and (5) coordination with and good working relationship with ATR and other related contractor efforts, if applicable.

**APPLICABLE DOCUMENTS:**

None.

**TASK END DATE:** 9/30/01**MILESTONES/DELIVERABLES AND DATES:**

1/30/01 Final Versions of Users Guide for PC, CD, DC & GP  
1/30/01 Updated Software Components for PC, CD, DC and GP for Build 3.1  
12/15/00 Final Version of C&T Test Procedures  
Monthly Technical Progress Report; 15th of the month  
Support for Instrument I&T at GSFC from November 2000 to April 2001  
Support for Instrument Integration and Testing at Ball after April Delivery 2001  
Support for Observatory TV testing at Ball September 2001

**PERFORMANCE STANDARDS:**

**Schedule:** On-time delivery/completion of the deliverables/milestones  
**Technical:** Acceptance of deliverables by the ATR

**FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):**

Manuel Maldonado, building 3, room 231